PATENT COOPERATION TREALY

From the INTERNATIONAL SEARCHING AUTHORITY PETER C. LAURO **EDWARDS & ANGELL, LLP** P.O.B OX 55874 WRITTEN OPINION OF THE BOSTON, MA 02205 INTERNATIONAL SEARCHING AUTHORITY (PCT Rule 43bis.1) 0 FEB 2005 Date of mailing (day/month/year) FOR FURTHER ACTION Applicant's or agent's file reference See paragraph 2 below 62138WO (499 Priority date (day/month/year) International filing date (day/month/year) International application No. 24 September 2003 (24.09.2003) 24 September 2004 (24.09.2004) PCT/US04/31532 International Patent Classification (IPC) or both national classification and IPC IPC(7): A61K 31/59; C07C 401/00 and US C1.: 514/167; 552/653 Applicant BIOXELL, INC. 1. This opinion contains indications relating to the following items: Box No. I Basis of the opinion Box No. II **Priority** Non-establishment of opinion with regard to novelty, inventive step and industrial applicability Box No. III Box No. IV Lack of unity of invention Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial Box No. V applicability; citations and explanations supporting such statement Box No. VI Certain documents cited Box No. VII Certain defects in the international application Certain observations on the international application Box No. VIII 2. FURTHER ACTION If a demand for international preliminary examination is made, this opinion will be considered to be a written opinion of the International Preliminary Examining Authority ("IPEA") except that this does not apply where the applicant chooses an Authority other than this one to be the IPEA and the chosen IPEA has notified the International Bureau under Rule 66.1bis(b) that written opinions of this International Searching Authority will not be so considered. If this opinion is, as provided above, considered to be a written opinion of the IPEA, the applicant is invited to submit to the IPEA a written reply together, where appropriate, with amendments, before the expiration of 3 months from the date of mailing of Form PCT/ISA/220 or before the expiration of 22 months from the priority date, whichever expires later. For further options, see Form PCT/ISA/220. 3. For further details, see notes to Form PCT/ISA/220. Authorized officer Name and mailing address of the ISA/ US Mail Stop PCT, Attn: ISA/US Sabiha Qazi

Telephone No. (703) 308-1235

Form PCT/ISA/237 (cover sheet) (January 2004)

Alexandria, Virginia 22313-1450

Commissioner for Patents P.O. Box 1450

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WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

International application No.

PCT/US04/31532

Box No	. 1 Basis of this opinion
	regard to the language, this opinion has been established on the basis of the international application in the language in which filed, unless otherwise indicated under this item.
	This opinion has been established on the basis of a translation from the original language into the following language, which is the language of a translation furnished for the purposes of international search (under Rules 12.3 and 23.1(b)).
2. With claims	regard to any nucleotide and/or amino acid sequence disclosed in the international application and necessary to the discount of invention, this opinion has been established on the basis of:
a.	type of material
	a sequence listing
	table(s) related to the sequence listing
b.	format of material
	in written format
	in computer readable form
c.	time of filing/furnishing
	contained in international application as filed.
	filed together with the international application in computer readable form.
	furnished subsequently to this Authority for the purposes of search.
3.	In addition, in the case that more than one version or copy of a sequence listing and/or table relating thereto has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.
4. Addit	ional comments:

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International application No.

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Во	x No	III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability
		estions whether the claimed invention appears to be novel, to involve an inventive step (to be non-obvious), or to be ally applicable have not been examined in respect of:
		the entire international application
1		laims Nos. 1,3-6 and 9-22
		1,5-0 and 5-22
1	becaus	
	\boxtimes	the said international application, or the said claim Nos. 1,5,6 and 9-22 relate to the following subject matter which does not require an international preliminary examination (specify):
		Claims 1,5,6, and 9-22 objected to under PCT Rule 66.2(a)(v) as lacking clarity under PCT Article 6 because claims 1,5,6, and 9-22 are indefinite for the following reason(s):
		Claims 1,5,6, and 9-22 are objected to because the term "use of" is improper. There are no steps in the method claims.
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	\boxtimes	the description, claims or drawings (indicate particular elements below) or said claims Nos. 3 and 4 are so unclear that no meaningful opinion could be formed (specify):
		Claims 3 and 4 objected to under PCT Rule 66.2(a)(v) as lacking clarity under PCT Article 6 because claims 3
		and 4 indefinite for the following reason(s): there are no steps on how to obtain and/or synthesize vitamin D3 compounds.
		the claims, or said claims Nos are so inadequately supported by the description that no meaningful opinion could be formed.
		no international search report has been established for said claims Nos
		the nucleotide and/or amino acid sequence listing does not comply with the standard provided for in Annex C of the Administrative Instructions in that:
		the written form has not been furnished
		does not comply with the standard
		the computer readable form has not been furnished
		does not comply with the standard
		the tables related to the nucleotide and/or amino acid sequence listing, if in computer readable form only, do not comply with the technical requirements provided for in Annex C-bis of the Administrative Instructions.
		See Supplemental Box for further details.

WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

International application No. PCT/US04/31532

applicability; citations and expla	anations supp	orting such statement	
1. Statement			
Novelty (N)	Claims	NONE	YES
	Claims	2, 7, and 8	NO
Inventive step (IS)	Claims	NONE	YES
	Claims	2, 7, and 8	NO
Industrial applicability (IA)	Claims	2, 7, and 8	YES
	Claims	NONE	NO
bladder (See claims 1 and 2). See the entire docum Claims 2, 7, and 8 lack an inventive step under I	ng a hydrocarb nent, especially	on moiety at the C24 position, whe lines 52-67 in col. 2, lines 1-65 in co	ere the cells are cancers of the cells, and claims.
bladder (See claims 1 and 2). See the entire documed Claims 2, 7, and 8 lack an inventive step under the reasons cited above. Instant claims differ from the reference in claim while the instant invention focuses on the bladder.	ng a hydrocarb nent, especially PCT Article 33(ing a more spe	on moiety at the C24 position, whe lines 52-67 in col. 2, lines 1-65 in col. 3) as being obvious over US 6,566, cific scope. The reference can treat	ere the cells are cancers of the cells are cancers of the cells, and claims. 353 B2 (BISHOP et al.) for the cancer a variety of different cancer
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